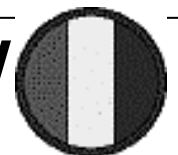




IBCT



<http://www.lewis.army.mil/transformation/>

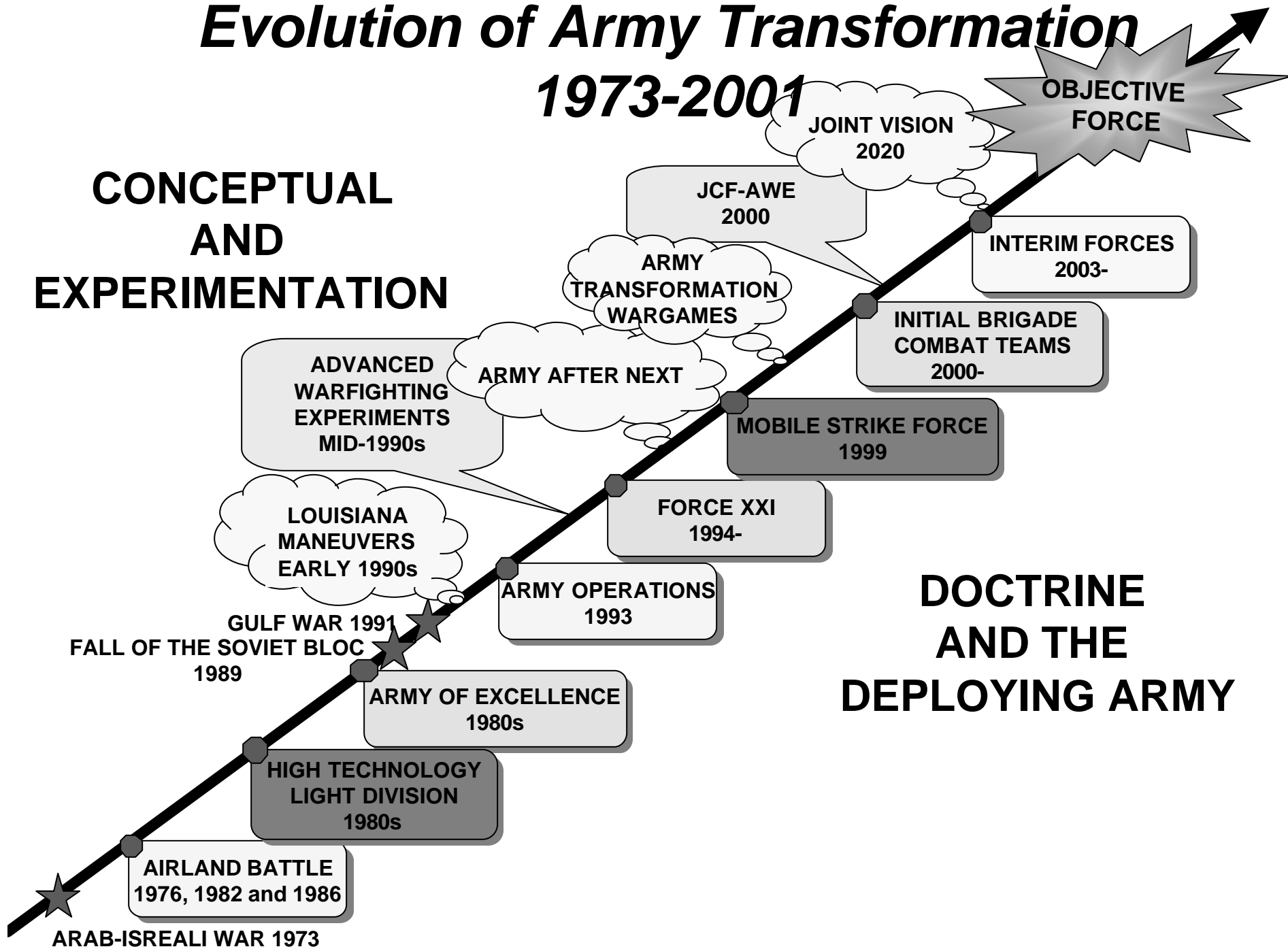


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Number of Pages 28		

Evolution of Army Transformation

1973-2001

**CONCEPTUAL
AND
EXPERIMENTATION**



**DOCTRINE
AND THE
DEPLOYING ARMY**

21st Century Security Requirements

Spectrum of Operations



Domestic Support

- Disaster Relief
- Civil Support

Peace Operations

- Peace Building/Making
- Military to Military Contacts
- Arms Control
- Nation Assistance
- Peace Keeping
- Security Assistance

Limited Conflict

- Counter Terrorism
- Raids
- Strikes
- Insurgency & Counterinsurgency

Nuclear War

- Strategic Weapons
- Tactical Weapons

Environmental Operations

Full Spectrum Challenges

- No single threat; a range of dynamic security challenges
- Increased threat from:
 - Asymmetric attacks on critical nodes
 - WMD proliferation
 - Terrorism

Humanitarian Assistance

Show of Force

NEO

Counter Drug

Sanctions Enforcement

Peace Enforcement

Regional Conventional Conflict

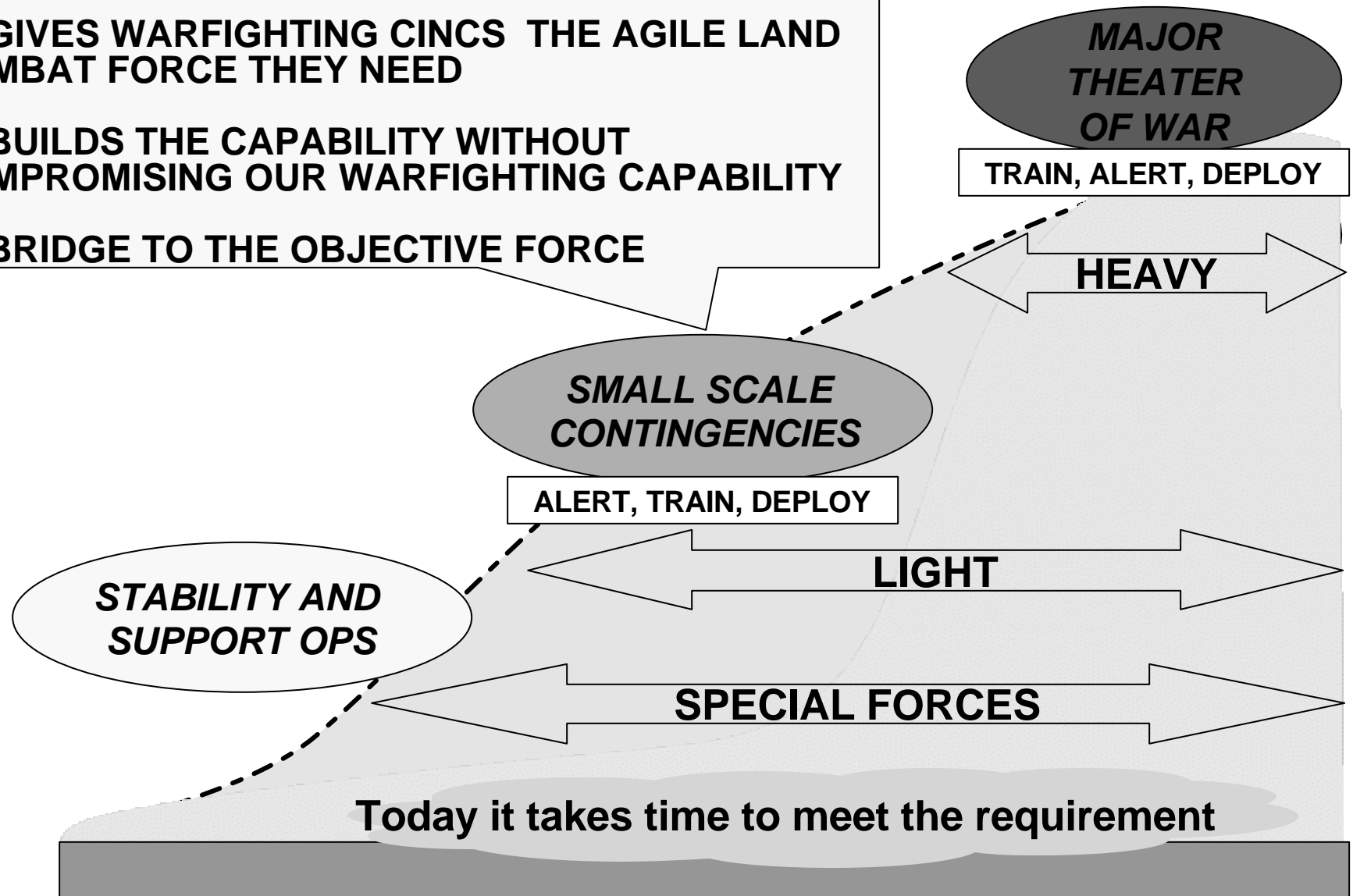
REQUIRE:

- Broad range of capabilities
- Strategic Responsiveness / Strategic Speed
- Dominance across the Full Spectrum of Operations

The Objective Force Must Be: Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable

Why the IBCT?

- ❑ SATISFIES THE DEMANDS OF THE CURRENT STRATEGIC ENVIRONMENT
- ❑ GIVES WARFIGHTING CINCS THE AGILE LAND COMBAT FORCE THEY NEED
- ❑ BUILDS THE CAPABILITY WITHOUT COMPROMISING OUR WARFIGHTING CAPABILITY
- ❑ BRIDGE TO THE OBJECTIVE FORCE



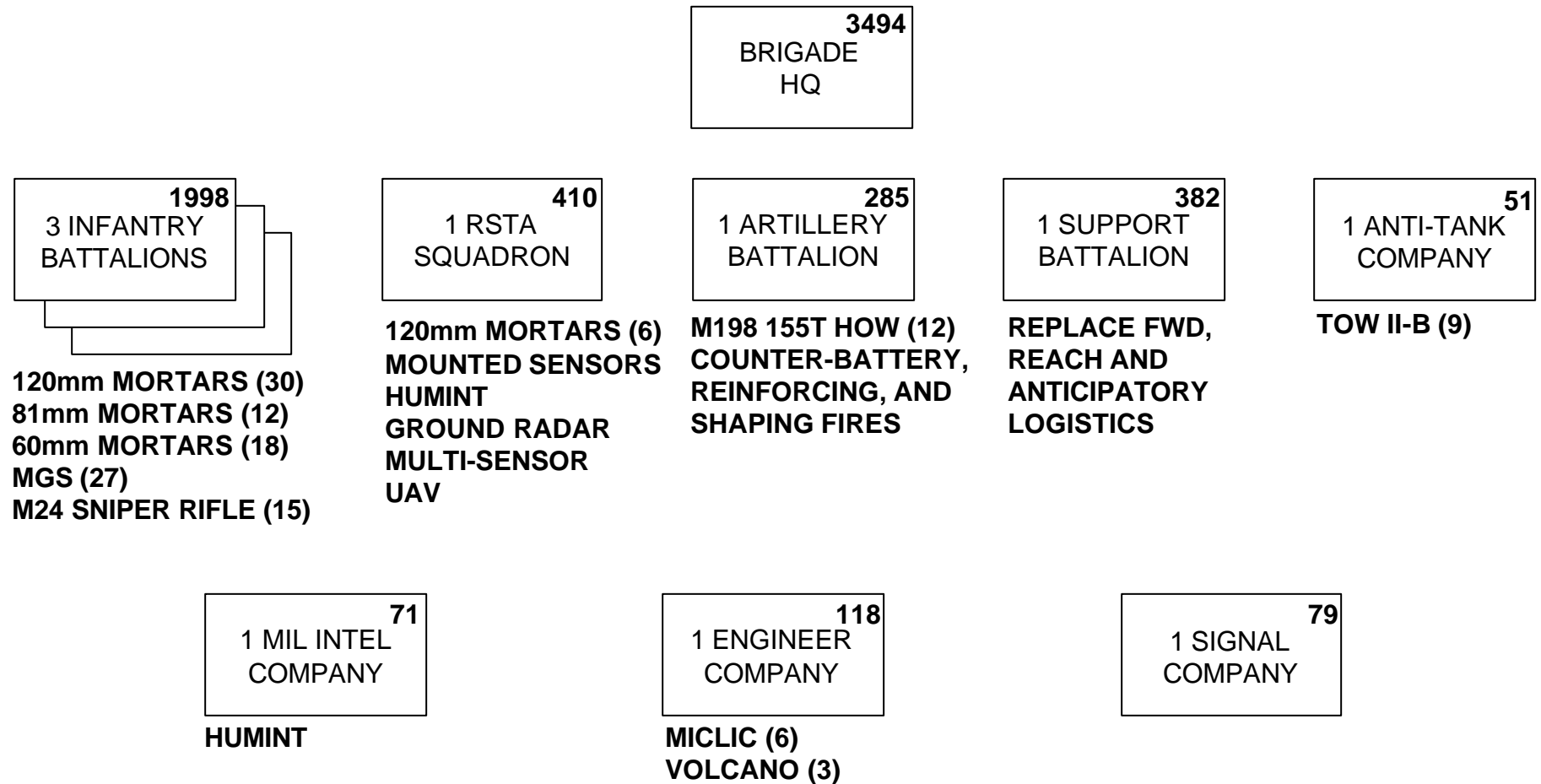
***Endgame: The Betrayal and
Fall of Srebrenica, Europe's Worst
Massacre Since World War II***

David Rohde

IBCT Capabilities

- ☐ Rapidly deployable
- ☐ Joint & Coalition interoperable
- ☐ Full spectrum
- ☐ Combat capable on arrival
- ☐ Precision, Internetted, Combined Arms fighting
- ☐ Decisive action through deliberate maneuver & Infantry assault
- ☐ Maintains freedom of maneuver by:
 - *High tactical mobility*
 - *Situational understanding*
- ☐ Force effectiveness in complex and urban terrain
- ☐ Increased deployability and decreased sustainment footprint
- ☐ Reach operations for Strategic, Joint, Combined intelligence, analysis, logistics as well as fires and effects
- ☐ Operational mobility via C-130

Initial Brigade Combat Team Organization



Significant Changes...

1-23 IN

- M2 Bradley- 58
- 120mm MTR- 6 tubes
- M1025 SCT- 10 HMMWV
- Internal CSS Structure
- Soldiers-** **775**

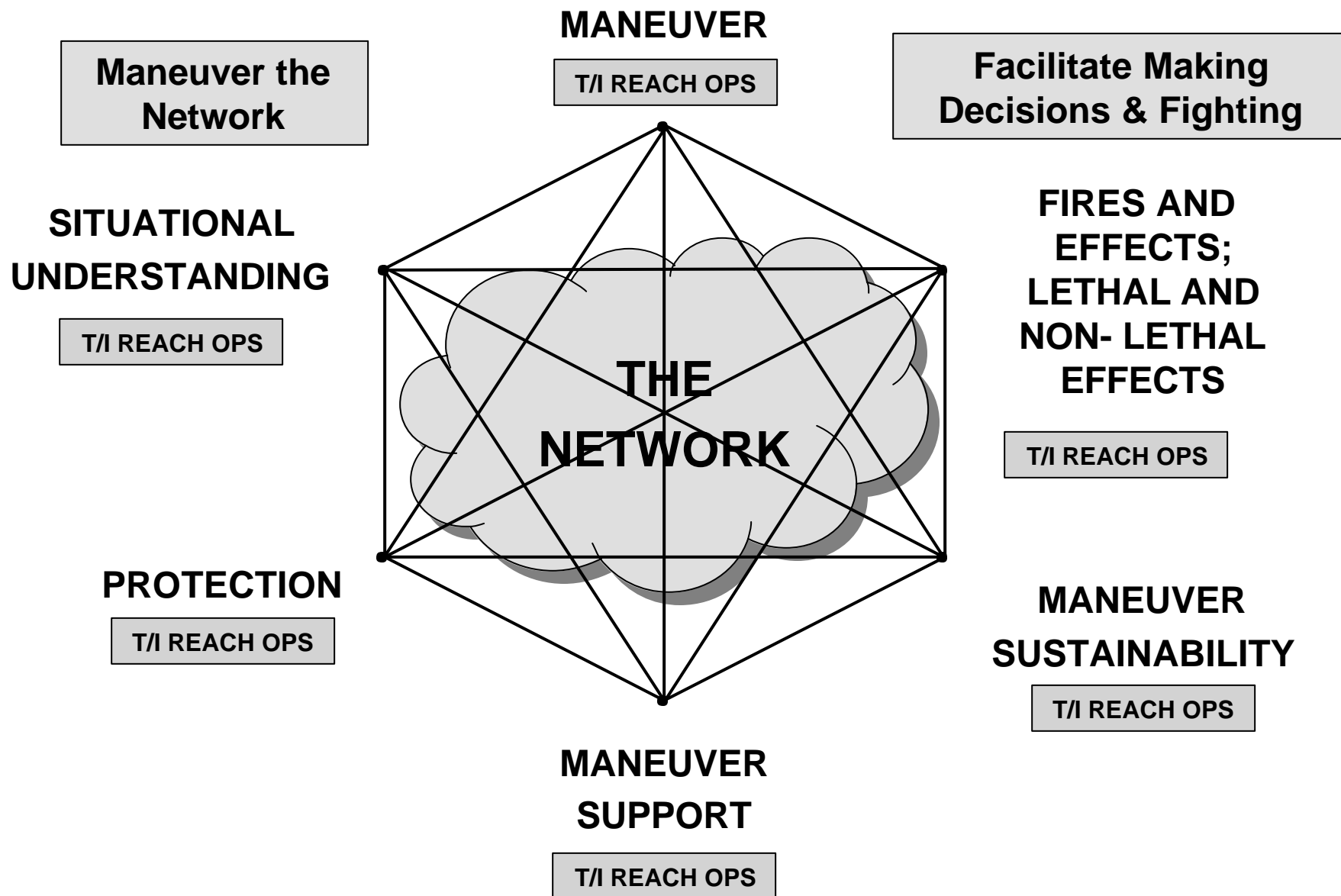
5-20 IN

- M966 AT- 6 HMMWV
- 81mm MTR- 4 tubes
- 60mm MTR- 6 tubes
- Snipers- 3
- Soldiers-** **565**

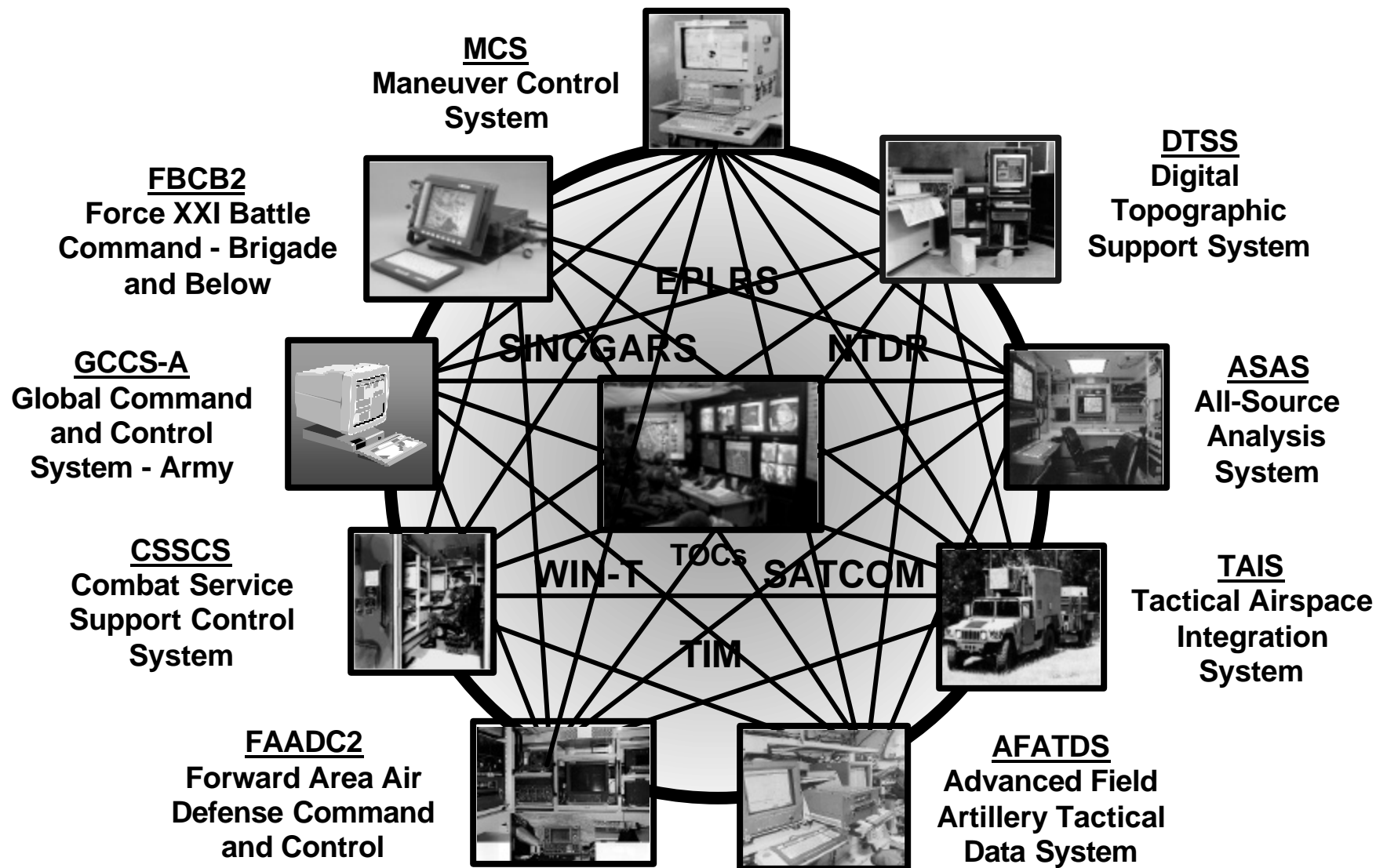
Each IBCT IN BN

- IAV- 67**
- 120mm- 10 tubes**
- 81mm- 4 tubes**
- 60mm- 6 tubes**
- Sniper- 5**
- SDM- 27**
- Javelin- 27**
- Soldiers- 666**

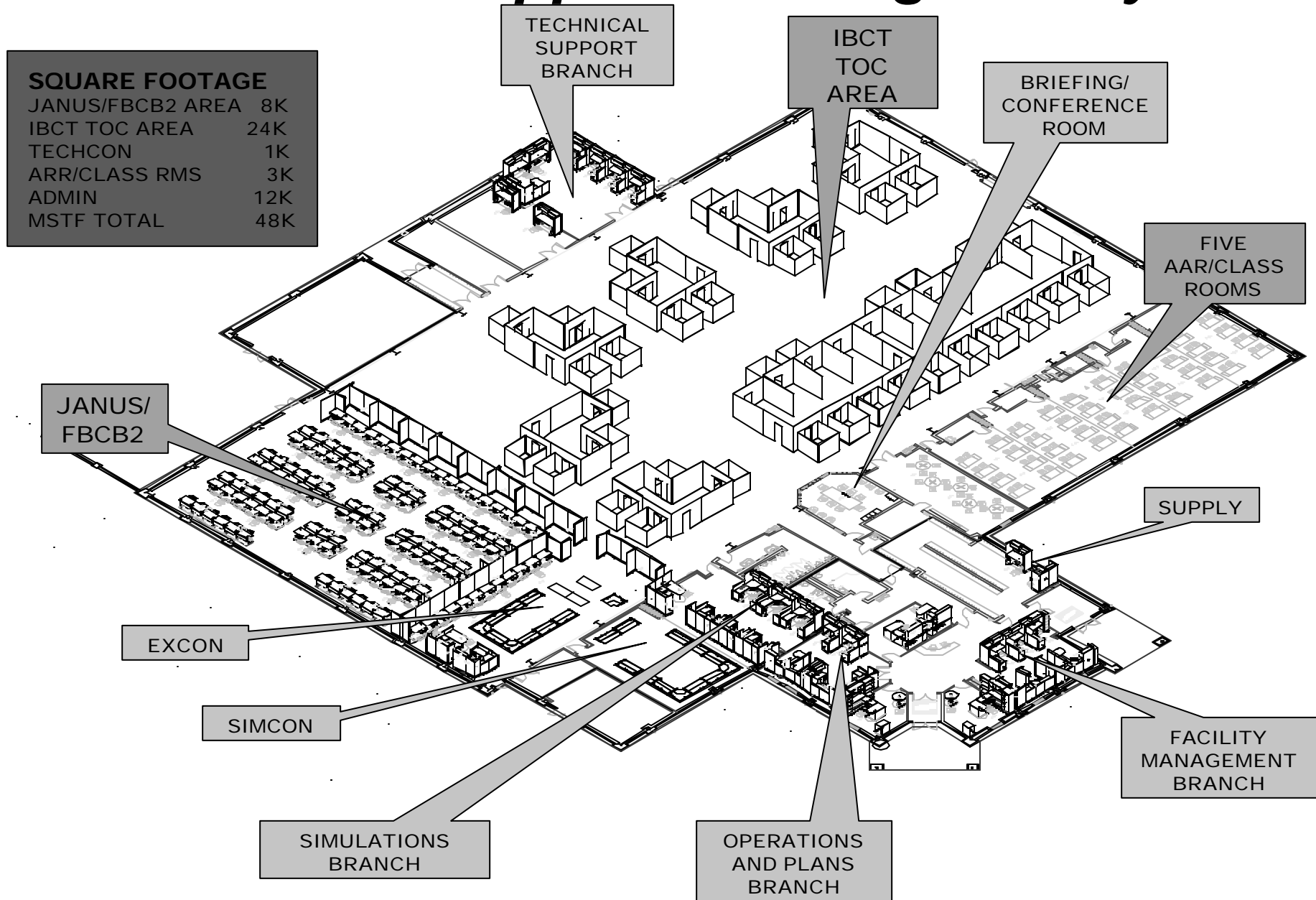
Precision, Internetted, Combined Arms Warfare



C4ISR Fusion



Mission Support Training Facility



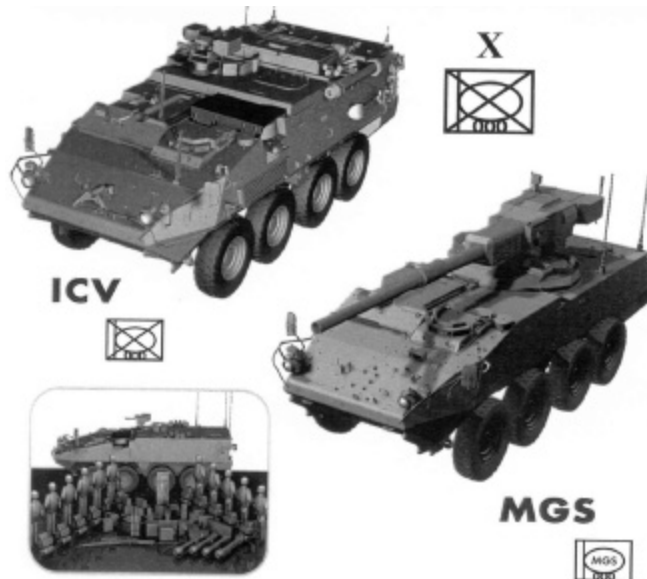
The Selected IAV Family

Infantry Carrier Vehicle (ICV)

- LAV III Chassis
- 8x8 Wheeled w/CTIS & Run Flat
- High Hard Steel Structure
- Remote Weapon Station with .50 cal MG or MK19 40mm

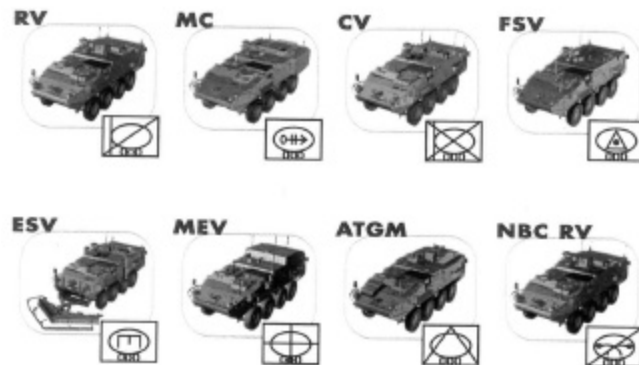
Mobile Gun System (MGS)

- LAV III Chassis
- Low Profile Turret
- M68A1 Cannon w/Autoloader
- Full Solution Fire Control



Brigade Configuration

• ICV = Infantry Carrier Vehicle	108
• RV = Reconnaissance Vehicle	48
• MC = Mortar Carrier	36
• CV = Commander's Vehicle	39
• FSV = Fire Support Vehicle	13
• ESV = Engineer Squad Vehicle	9
• MEV = Medical Evacuation Vehicle	17
• ATGM = Anti-Tank Guided Missile	9
• NBC RV = Nuclear Biological Chemical Reconnaissance Vehicle	3
• MGS = Mobile Gun System	27



What the IAV-Equipped IBCT brings to the U.S. Army

Contrasted to Light Brigades:

Combat Power:
IBCT >>>>> than Light BDE

Survivability:
IAV - 14.5mm AP Protection/152 mm
Airburst
Add on Armor Protects Against RPG
Light Infantry – Body Armor

Movement:
IAV 60 MPH Max Speed
Light 3.1 MPH on Foot, 60 MPH on Trucks
(When Augmented)

Mobility:
IBCT – Self Supporting
Light – Augment with
Approximately 350 Trucks
For a Brigade Lift

Contrasted to Force XXI Heavy Brigades:

Reliability:
(Mean Miles Between Critical Failures)
IAV 1000
HVY 654

Movement:
IBCT 60 MPH Max Speed
HVY 40 MPH Max Speed

O&S Costs:
IAV \$4.7M /BDE/YR
HVY \$7.6M /BDE/YR

Logistics Footprint:
IBCT--382 Man BSB
HVY-- 955 Man FSB

Transportability: Deployable in 96 Hrs
IAV – C130 Transportable, HVY – N/A
IAV--212 C-17 Missions, HVY BDE--430

Support Vehicles:
IBCT – Self
Supporting
HVY Requires:
- 27 M88
- >132 HETs

IAV in IBCT Supports Army Transformation Imperatives:

- **More Lethal & Survivable Than Light Brigades**
- **More Deployable & Supportable Than Heavy Brigades**

Doctrine

Armor

FM 17-96
FM 17-97-1
FM 17-98-2
FM 17-15-1
ARTEP 17-95F-40
ARTEP 17-97F-30
ARTEP 17-97F-10
ARTEP 17-97F-11

Infantry

FM 7-4
FM 7-5
FM 7-12
FM 7-22
FM 7-32
FM 7-90
FM 7-91
FM 23-10
ARTEP 7-4
ARTEP 7-5
ARTEP 7-12
ARTEP 7-22
ARTEP 7-32
ARTEP 7-91
ARTEP 7-90

Signal

FM 11-2
ARTEP 11-3

Field Artillery

FM 3-13
BST 6-20-40
ST 6-3-1

CASCOM

FM 4-93.7
FM 8-10-1
ARTEP 63-106
ARTEP 43-107-30
ARTEP 63-106-30
ARTEP 8-BSMC

Intel

FM 34-80-2/ST
ARTEP 34-143-30
ARTEP 34-117-30



**21 FMs and
25 MTPs:
Company through
Brigade Level**

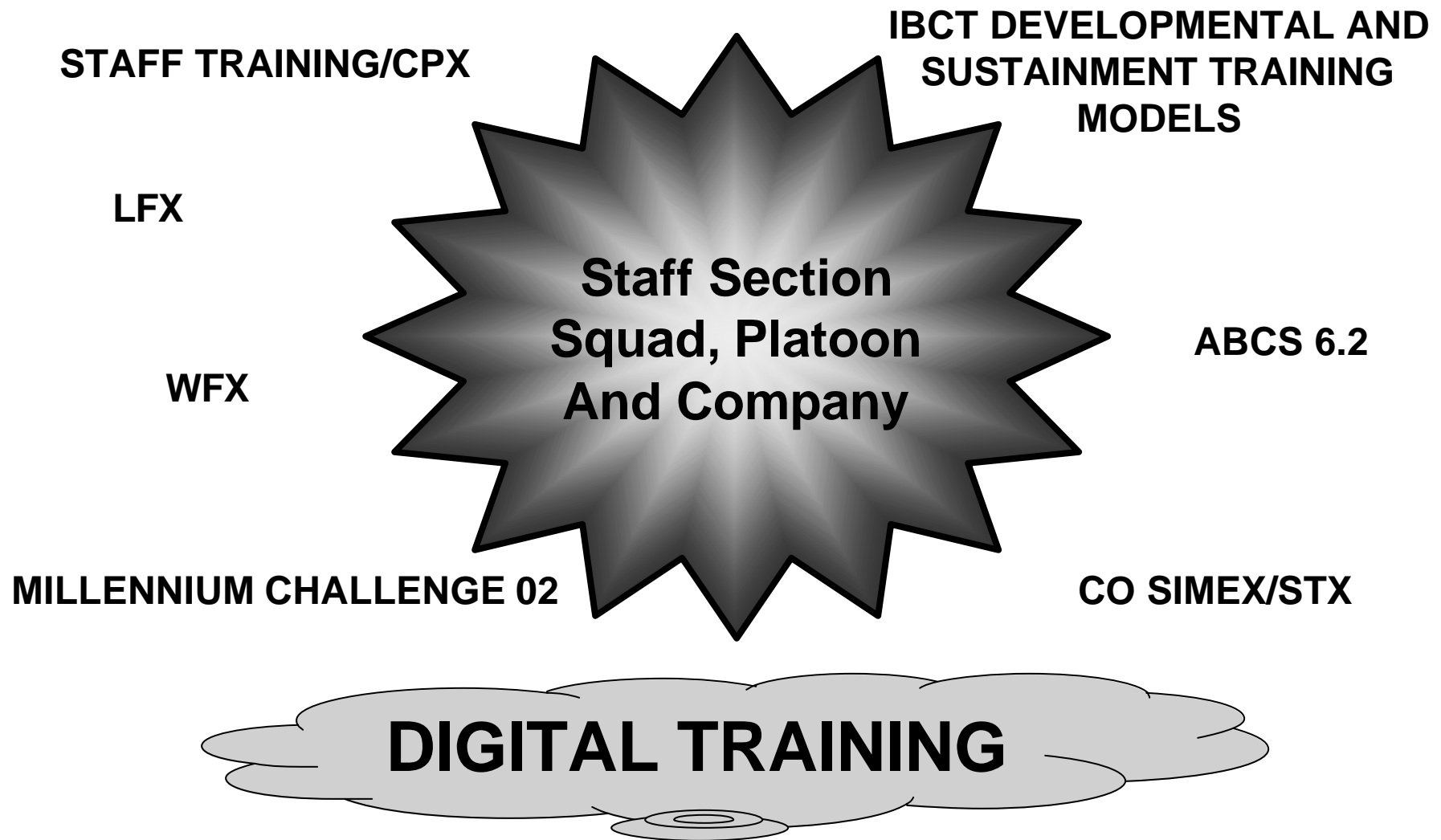
Engineer

FM 5-2
ARTEP 5-63-35
ARTEP 5-063-10
ARTEP 5-063-11

Chemical

FM 3-100-1
FM 3-19-X
FM 3-101
ARTEP 3-207-10
ARTEP 3-219-D60

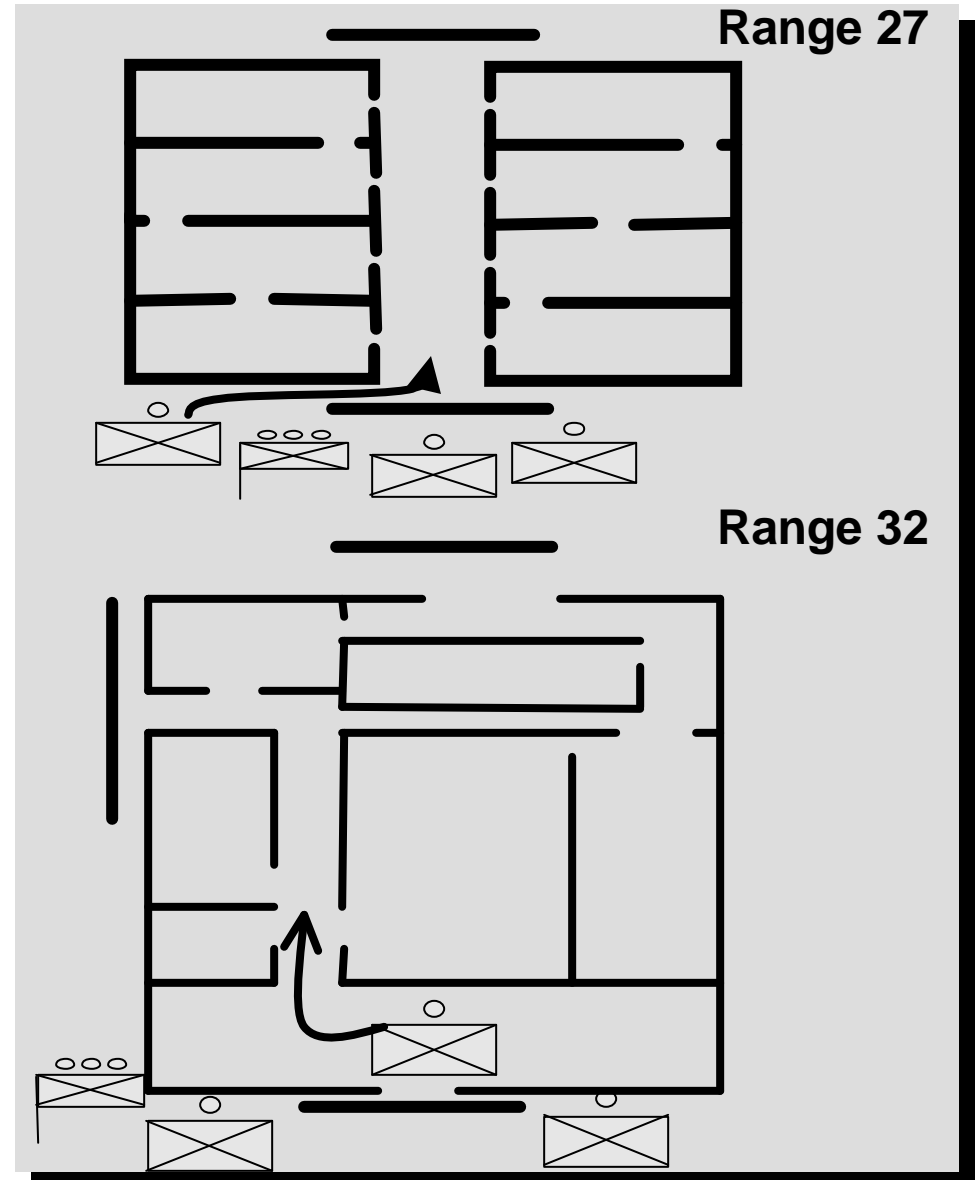
Training



Clear Rooms/Building LFX

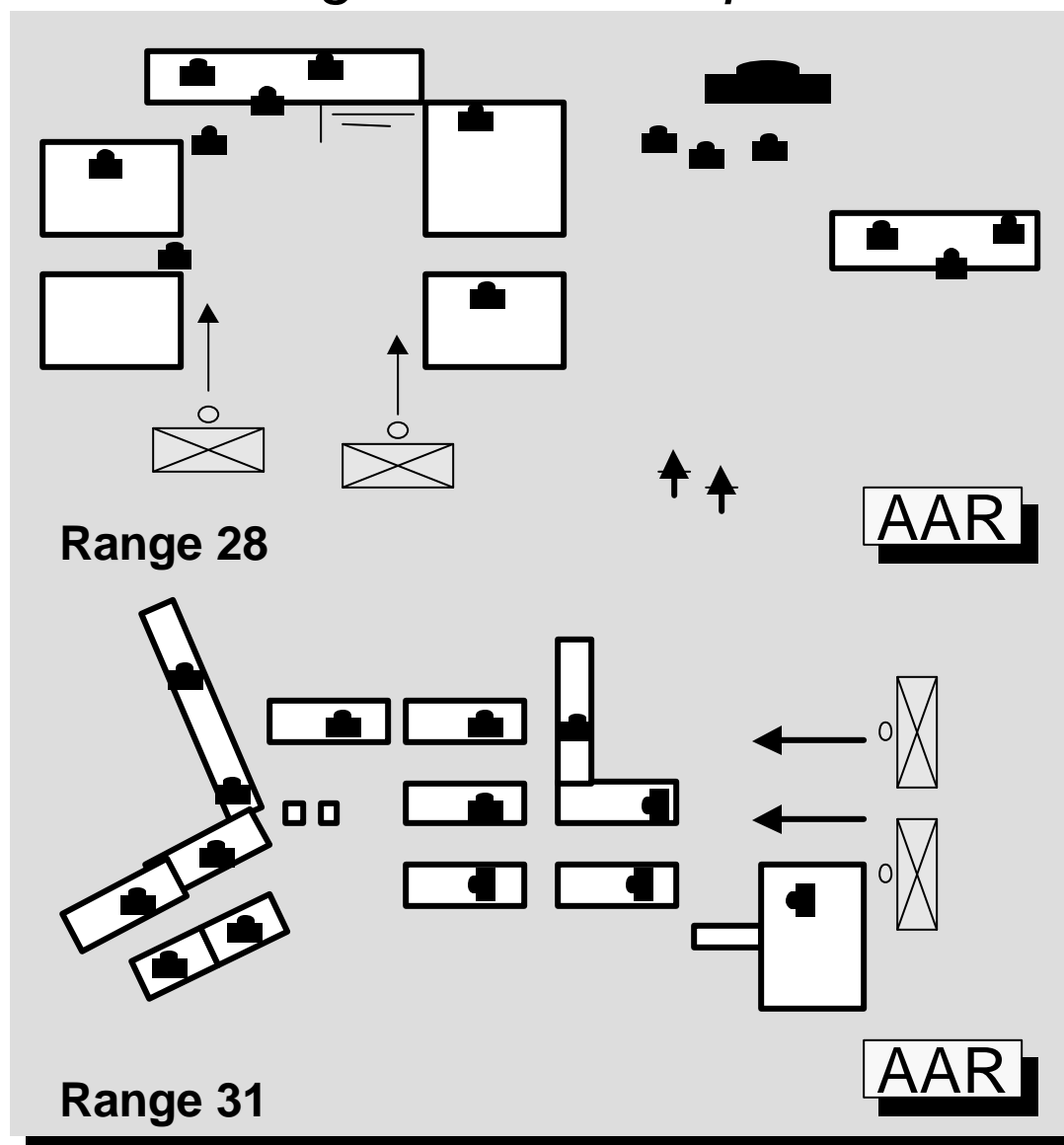
Range 27 & 32

- **Training Objectives**
 - Clear Building
(multi-team, multi-room)
- **Scenario**
 - Rooms occupied by threat forces
 - Platoon task is to clear building of threat forces
- **O&O Capabilities/Conditions**
 - Precision Fires
 - Casualty Evacuation
 - ROE
 - Urban Terrain
- **Evaluation**
 - Cdr, 1SG, & PL/PSG
 - Informal AAR Outside



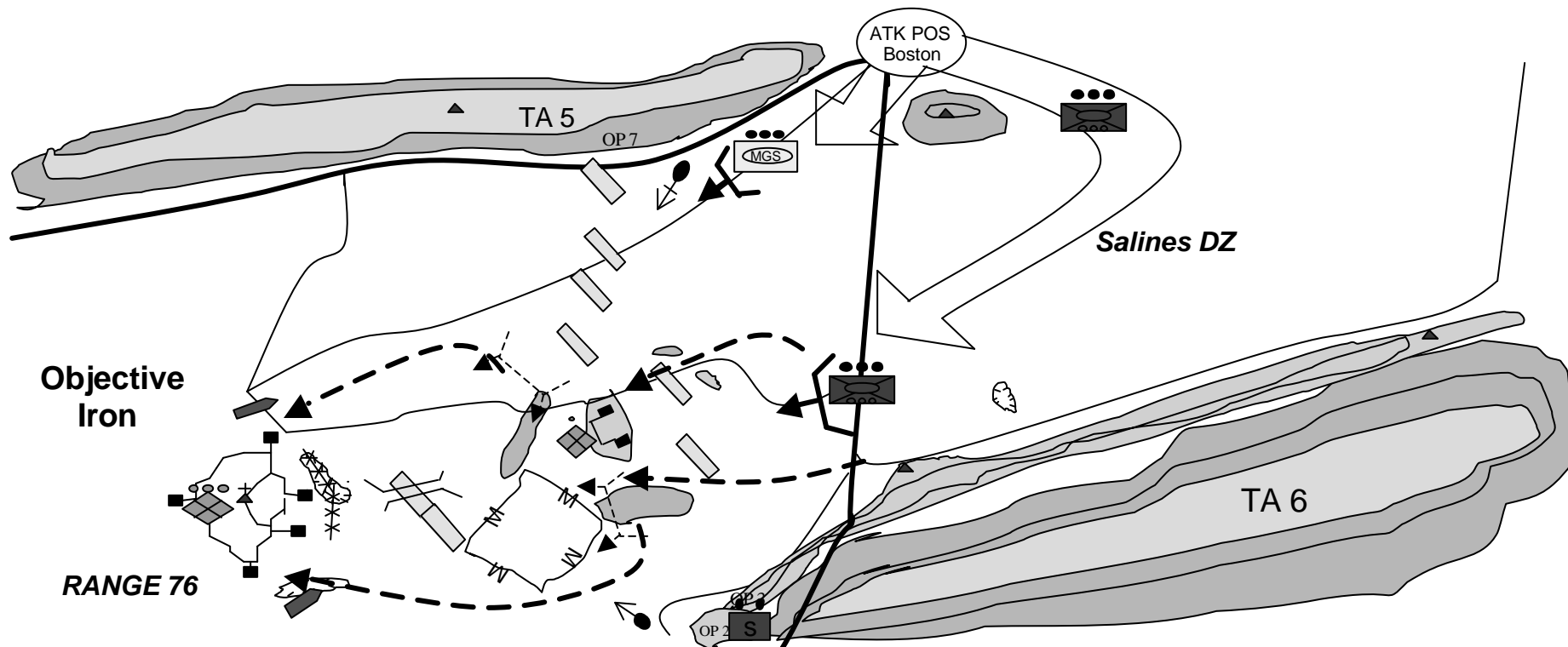
Urban React to Contact LFX

Range 28 & 31: Squad / Section Technique Trainer



- **Training Objectives**
 - Move Tactically--Urban
 - React to Contact--Urban
 - Enter & Clear Building
 - Treat / Evac Casualties
- **Scenario**
 - SPF terrorizing town
 - Section moving to OBJ in subsequent block
- **STX Situations**
 - Threat snipers
 - Threat squad
- **O&O Capabilities/Conditions**
 - SA (Urban Layout)
 - Sniper Integration
 - ROE
- **Evaluation**
 - Co Cdr, XO, or 1SG O/C
 - Formal AAR at baseline

Platoon Raid LFX



Training Objectives

- Move Tactically / Mounted Maneuver
- Conduct Initial Breach Mine & Wire Obstacle
- Assault / SBF
- Enter & Clear Trench / Building
- Conduct Day / Night Raid
- Treat / Evacuate Casualties
- CO C2 / CSS
- Direct & Indirect Fire Plan Integration
- CO Sniper & SDM integration
- Operate Tactical Network

O&O Capabilities / Conditions

- Situational Awareness
- Fire Control / Precision Fires
- CO & SQD Sniper Integration
- Vehicle Integration
- Urban & Complex Terrain

Evaluation

- BN CDR, XO, S-3, CSM O/C
- Formal AAR on Objective

Company Raid LFX

Company Raid LFX

The map illustrates a tactical raid route through a mountainous terrain. Key features include:

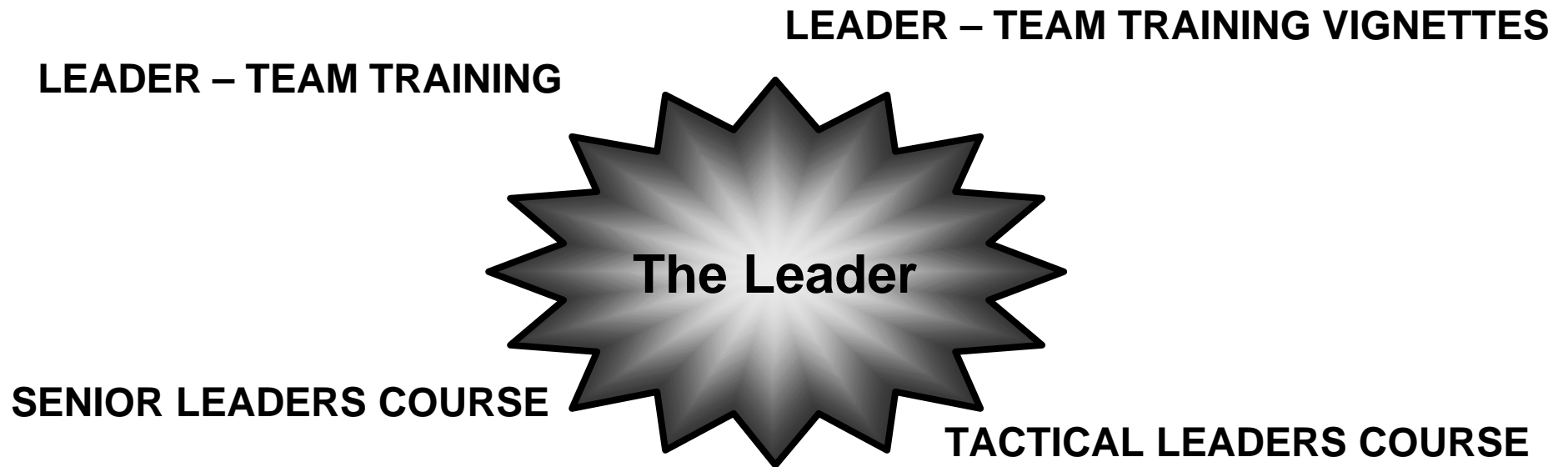
- Terrain:** TA 5 (top left), TA 6 (bottom right), and Salines DZ (bottom right).
- Route:** A thick black line shows the main route, starting from the top right, passing through TA 5, and ending at Objective Iron. Other routes are marked with dashed lines.
- Units and Objectives:**
 - GAAF:** Ground Air Assault Force, located at the top right.
 - ATK POS Boston:** Attack Position Boston, located near the top right.
 - MGS:** Main Ground Support, located near the top right.
 - Support:** Located in the center of the map.
 - Assault:** Located near the bottom left.
 - Breach:** Located near the bottom left.
 - LAVs:** Light Armored Vehicles, located near the bottom left.
 - Suppress:** Located near the bottom left.
- Other Markers:** OP 7, OP 3, OP 2, and Objective Iron (RANGE 76).

- **Conduct Initial Breach of Mine Wire Obstacle**
- **Assault / SBF**
- **Enter & Clear Trench / Building**
- **Conduct Day / Night Raid**
- **Direct & Indirect Fire Plan Integration**

- **Control Air Assets**
- **BHO w/Early Entry Forces**
- **BDE Lethal Effects / CSS**
- **RSTA UAV**
- **Establish Network**

- **Situational Awareness (UAV & Recon PLT)**
- **Fire Control (CAS, Artillery, Mortars, AC-130)**
- **Precision Engagements (BN & CO Snipers)**
- **CO & SQD Sniper integration**
- **Digital C2**

Leaders



NCO COLLEGE EDUCATION COURSES

- LEADERSHIP IN COMBAT (HUMAN DIMENSION)**
- REGIONAL STUDIES**

Organization

DEFINE INSTALLATION MAINTENANCE REQUIREMENTS FOR IBCT

**2-3 IN BN
(16 MAR 01)**

**1-23 IN BN
(16 SEP 00)**

**209 MI CO
(16 SEP 00)**

**5-20 IN BN
(16 SEP 00)**

**HHC BDE
(16 SEP 00)**

**Organization,
Reorganization,
Manning,
And Activation**

**18 EN CO
(16 SEP 00)**

**334 SC CO
(16 SEP 00)**

**1-37 FA BN
(16 SEP 00)**

**1-14 RSTA
(16 SEP 00)**

**C/52 AT CO
(16 SEP 00)**

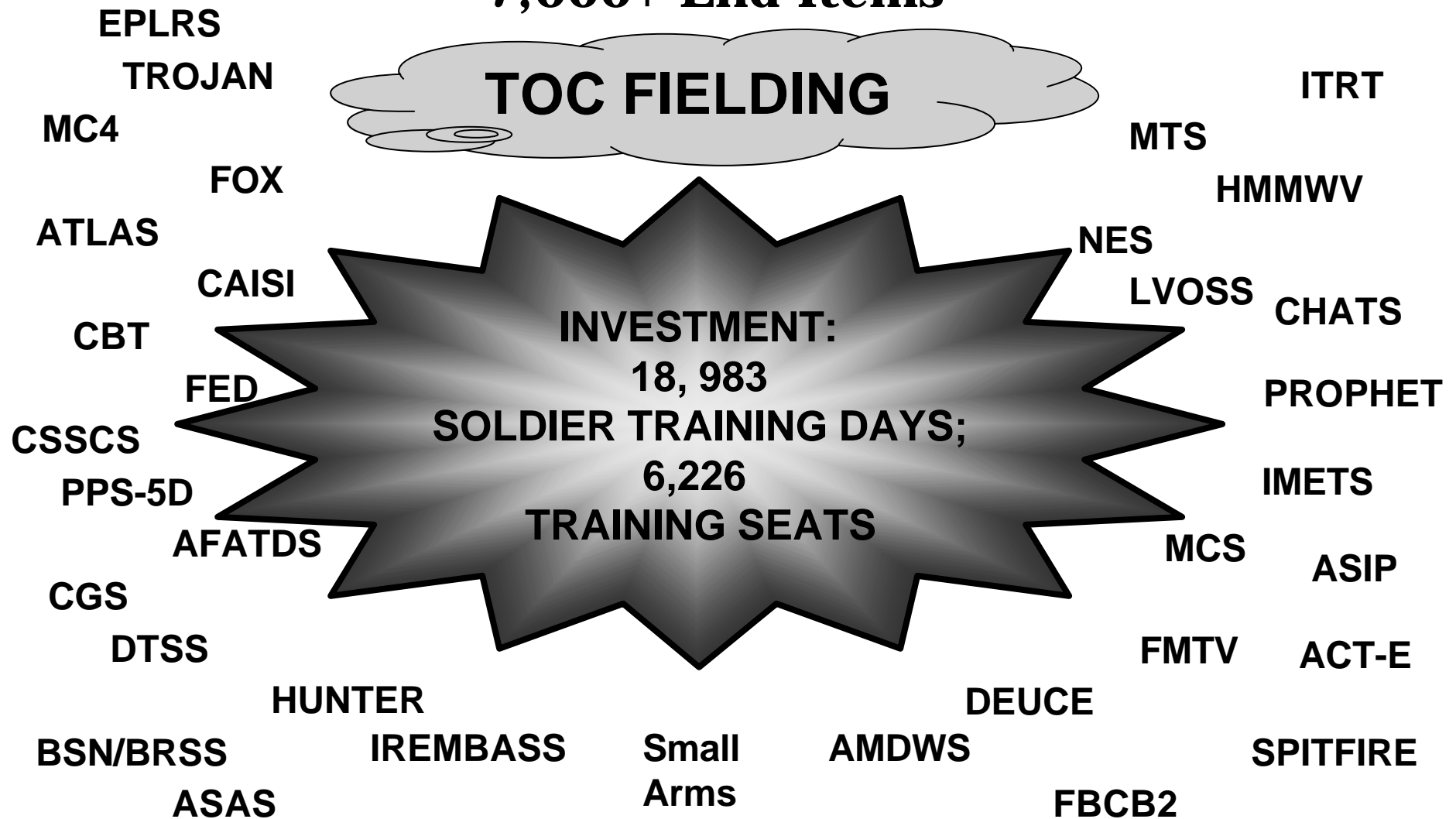
NOVEMBER FY00 DART @ FLWA

Materiel

MAY 00 THROUGH 31 MAR 01: 47 SYSTEMS

7,000+ End Items

TOC FIELDING



Soldiers

A MULTI-DIMENSIONAL SOLDIER

- ✓ **INDIVIDUAL WEAPONS QUALIFICATION**
- ✓ **COMBATIVES & PHYSICAL TRAINING**
- ✓ **FIELD CRAFT**
- ✓ **NEW EQUIPMENT TRAINING**
 - 47 SYSTEMS & 7000+ END ITEMS
 - 18,900+ SOLDIER TRAINING DAYS
 - 6,200+ TRAINING SEATS
- ✓ **DESIGNATED SKILLS TRAINING**
 - SNIPER
 - COMBAT LIFESAVER
 - DIGITAL OPERATOR
- ✓ **CONSTRUCTIVE SIMULATIONS >> SOLDIERS AS LEADERS**
- ✓ **INVOLVED IN AFTER ACTION REVIEWS >> LEADER UNDERSTANDING**

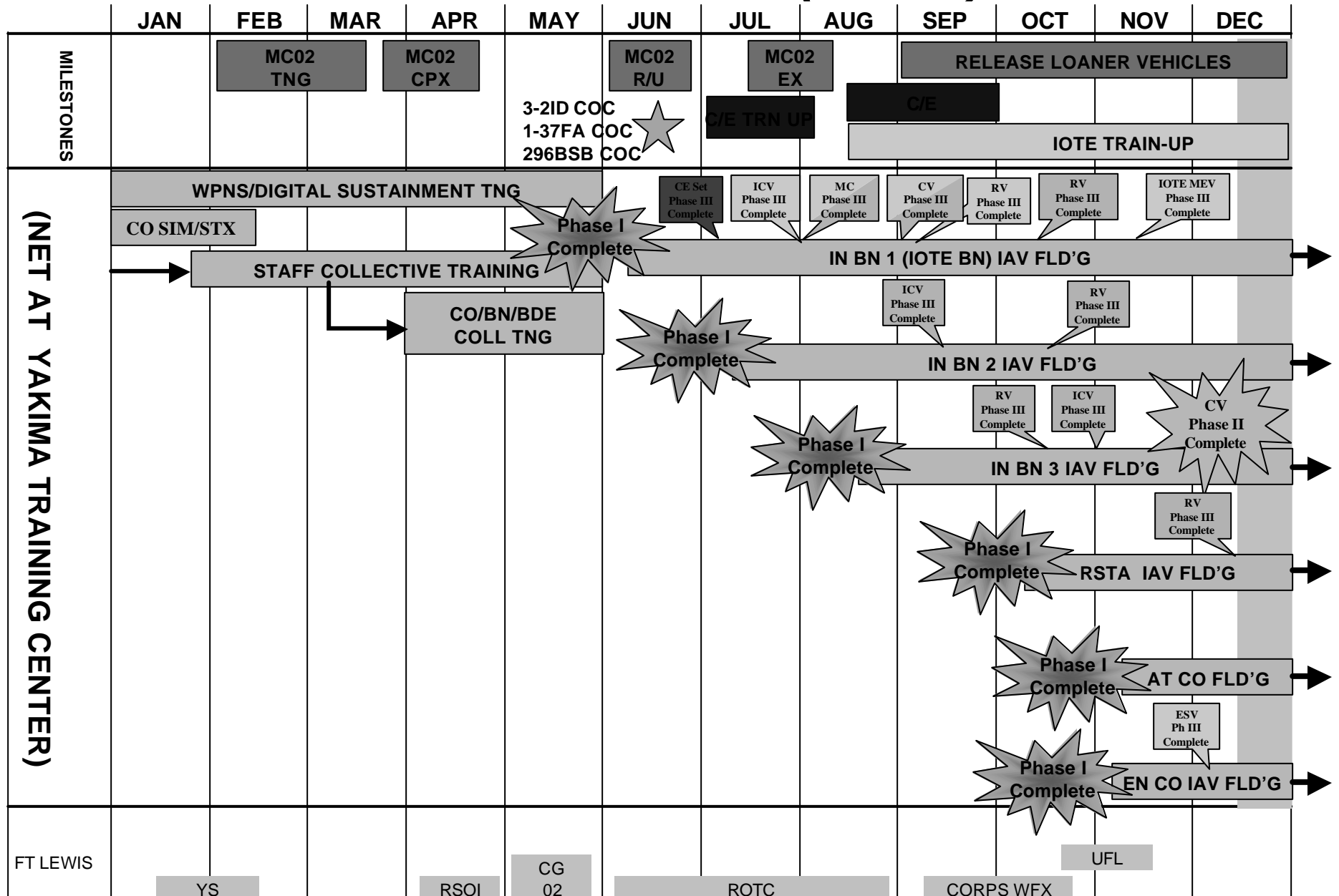


It's the Soldier SIR!

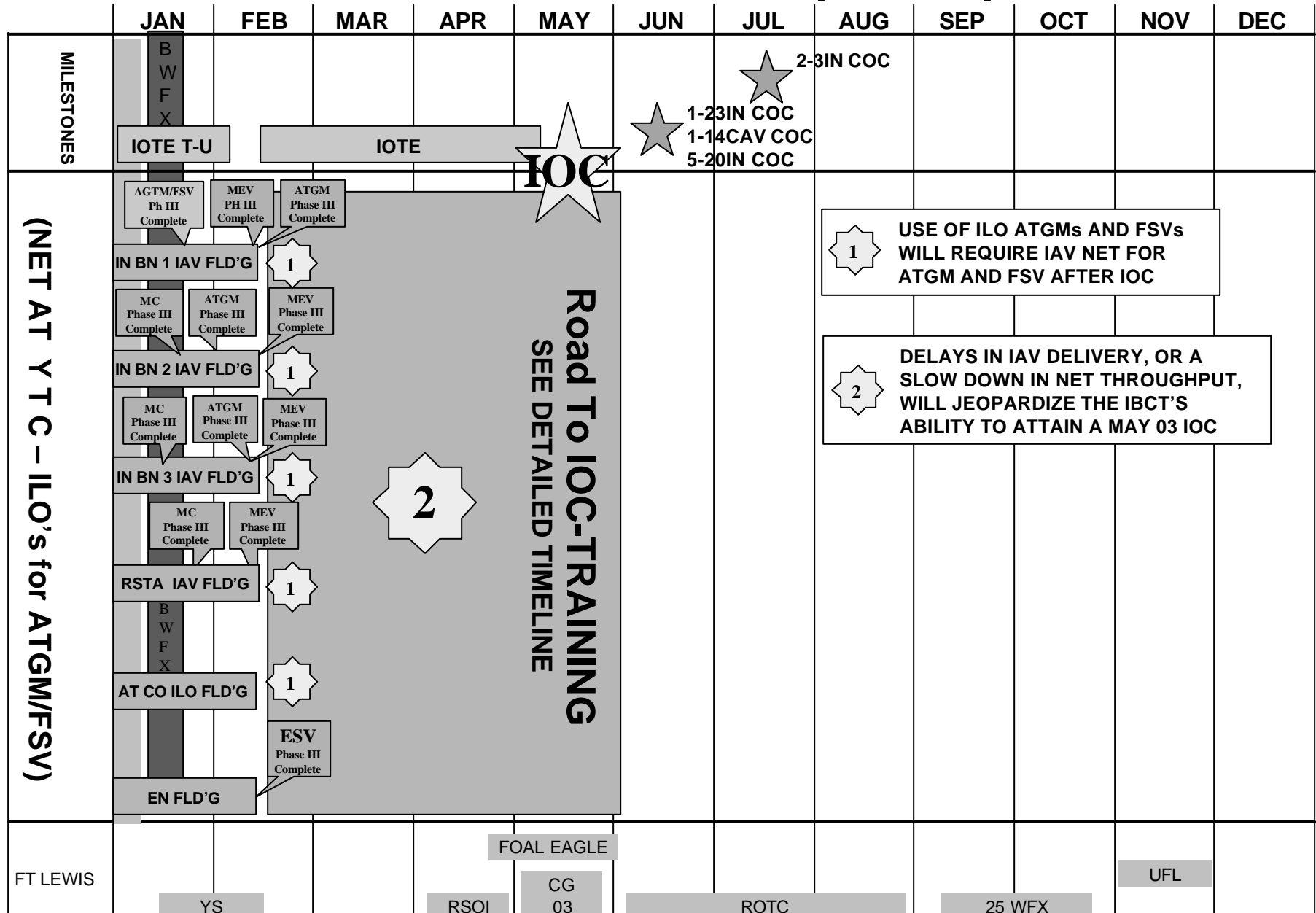
3RD BDE, 2ND ID (CY01)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MILESTONES			★ 2-3ID ACT		★	5-20IN COC ★ 1-23IN COC 1-14CAV COC						
(NET AT YAKIMA TRAINING CENTER)			WPNS TNG			SQD/PLT/CO TNG		WPNS DIGITAL SUSTAINMENT TNG				
					TODAY ★				LDR TNG >CO SIM/STX			
			EFMB		EIB	SLC/TLC						
			TOC FIELDING/NET									
			I CORPS HICON TRAINING									
						B L K L V						J R T C S P T
							B W F X					B L K L V
FT LEWIS		YS			EIB CG 01		ROTC	UFL			25ID WFX	

3RD BDE, 2ND ID (CY02)



3RD BDE, 2ND ID (CY03)



Bottom Line

- ❑ Transformation is happening at Ft. Lewis**
- ❑ Ft. Lewis/FORSCOM/TRADOC/AMC teaming**
- ❑ Materiel developers and fielders - partners in Transformation**
- ❑ Soldiers are positive and enthusiastic**
- ❑ Leaders are innovative**



**Army fully engaged to produce
relevant and lethal Brigade
Combat Teams**



IBCT



<http://www.lewis.army.mil/transformation/>

